

PERENNIAL

PROPAGATION

Delosperma Cooper's Ice Plant

Delosperma cooperi



TRAY & ROOTING

Form	Unrooted Cuttings (URC)
Rooting Hormone	Yes
Tray Size(s)	72, 105
Plants Per Cell	1
Wks. From Stick To Transplant	4-5
Pinch?	Yes
Days from stick to pinch	14-21

FERTILITY

Fertilize Through Mist?	No
Fertilizer Rate	50-75 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])
EC Range	Moderate: (2.0-3.5 mS via SME)
pH Range	5.8-6.2

TEMPERATURE

Average Soil Temperature	65-72°F (18-22°C)
Average Air Temperature	65-72°F (18-22°C)

IRRIGATION

Irrigation Frequency	Level 2: Allow media to dry moderately between thorough waterings
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LIGHT

Supplemental	Optional
Benefits From Shade?	No

POTENTIAL DISEASES

root rot, bacterial leaf spot, powdery mildew

POTENTIAL PESTS

whitefly, aphids, mites

PGR SUGGESTIONS

- Optional 300-500 ppm Florel (3.9% Ethephon)
- Optional 1500-2500 ppm B-Nine (85% Daminozide)



TIPS

- Keep prop misting as low as possible after roots appear.

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FINISHING

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VERNALIZATION

Vernalization Required?	No
Vernalization Duration Minimum	N/A
Vernalization Temperature	N/A

CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
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4 in./qt (10-12 cm)	2	4-6
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6 in./Gal. (15-16 cm)	1-3	6-8
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FERTILITY

Fertilizer Rate	150-200 ppm N (20-6-22 or 22-5-16 [15-0-15 under low-light conditions])
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EC Range	Moderate: (2.0-3.5 mS via SME)
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pH Range	5.8-6.2
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TEMPERATURE

Day Temperature	65-75°F (18-24°C)
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Night Temperature	55-65°F (13-18°C)
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IRRIGATION

Irrigation Frequency	Level 2: Allow media to dry moderately between thorough waterings
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LIGHT

Photoperiodic requirements	Long day: 12+ hours daily
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Supplemental?	None
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Benefits From Shade?	No
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PINCHING

Finishing Pinch?	Optional
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Transplant to pinch (days)	14-21
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POTENTIAL DISEASES

root rot, bacterial leaf spot, powdery mildew

POTENTIAL PESTS

whitefly, aphids, mites

PGR SUGGESTIONS

- B-Nine (85% Daminozide) 1500-2500ppm
- Sumagic (0.055% Uniconazole) 3-4ppm



TIPS

- Keep moisture level on the low side during finishing, it will promote a heavier flower set.
- Dry moderately between waterings to limit stretch and tone plant.

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FEATURES AND BENEFITS

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KEY INFORMATION

First Year Flowering? **Yes**

Bloom Time

Summer

Exposure

Full Sun

Hardiness Zone

6-11

Height

4-6 inches (10-15 cm)

Width

18-24 inches (46-60 cm)

DESCRIPTION

These ice plants are definitely cool! So named for its glistening succulent leaves which resemble ice shards, *Delosperma* is a perennial succulent that continues to gain popularity as a novel water wise plant that's remarkably hardy even in northern climates.

CONSUMER APPEAL

- *Delosperma* is a fast-spreading groundcover that blooms for most of the growing season all the while attracting bees, butterflies, and other beneficial insects.
- *Delosperma* are one of the most drought tolerant perennials available to gardeners. They require extremely well-drained soils as they will struggle (and most likely perish) if placed in poorly drained or un-amended clay.

GARDEN ATTRIBUTES

- Ice Plants are the ideal rock garden/desert garden plant though they can also be planted on sloped borders or around dry mailbox sites.
- *Delosperma* are ideal plants for containers, fill a shallow pot with *Delosperma* and keep it on a patio; then bring it inside during the winter months as a houseplant!

NATIVITY

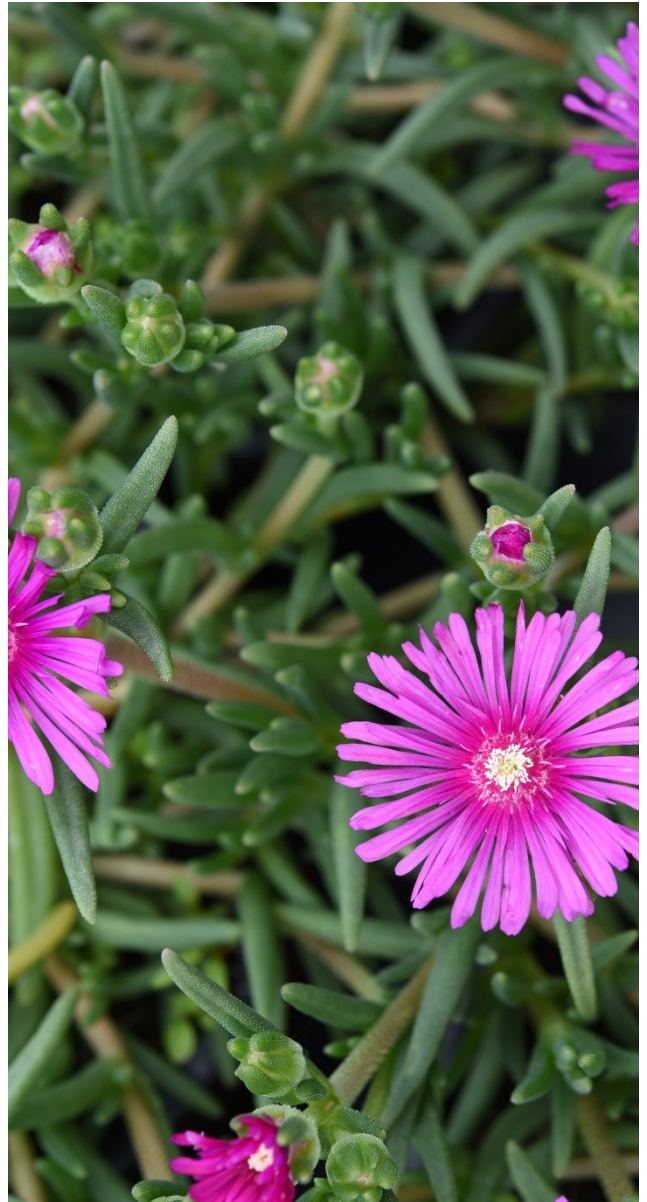
Southern Africa

COMPANION PLANTS

Upright Sedum, Artemisia, Oenothera, Knautia

COMMON NAME(S)

ice plant, trailing ice plant, Cooper's ice plant



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